

PART 1 - CHEMISTRY

Topic : Aldehydes, ketones and carboxylic acids

SECTION-A : (Maximum Marks : 4)

This section contains **ONE** question.

Each question has **FOUR** options (A), (B), (C) and (D). **ONLY ONE** of these four options is the correct answer.

For each question, choose the option corresponding to the correct answer.

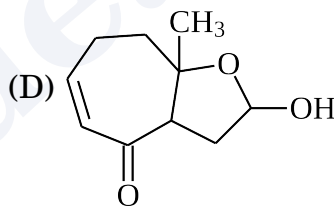
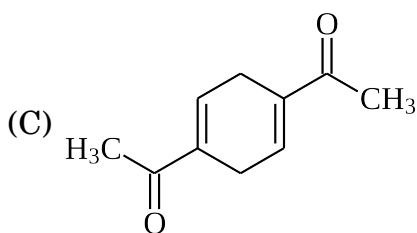
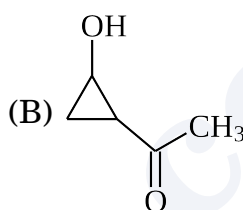
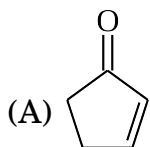
Answer to each question will be evaluated according to the following marking scheme :

Full Marks : +4 If **ONLY** the correct option is chosen;

Zero Marks : 0 If none of the options is chosen (i.e. the question is unanswered);

Negative Marks : -1 In all other cases.

1. Natural rubber on complete ozonolysis ($\text{O}_3/\text{Zn} - \text{H}_2\text{O}$) gives compound X as the major product. X gives positive iodoform and Tollen's tests. X on heating with aqueous NaOH gives Y as the major product. Y is [JEE Advanced 2026 Paper 2]



Scan or tap for the full solution



Space for Rough Work

**JEE ADVANCED ALDEHYDES, KETONES AND
CARBOXYLIC ACIDS — OZONOLYSIS OF RUBBER AND
INTRAMOLECULAR ALDOL — PYQS**

Test Pattern : **JEE (Advanced)**

ANSWER KEY

SECTION-A

[illegible]